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PTO/SB/21 (09-04)

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**TRANSMITTAL  
FORM**

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

7

Application Number

10625,340

Filing Date

07/22/2003

First Named Inventor

HEIN, GERALD K.

Art Unit

3753

Examiner Name

McKINNON, Terrell L.

Attorney Docket Number

1444-0096

**ENCLOSURES (Check all that apply)**☐

Fee Transmittal Form

☐

Fee Attached

☒

Amendment/Reply

☒

After Final

☐

Affidavits/declaration(s)

☐

Extension of Time Request

☐

Express Abandonment Request

☐

Information Disclosure Statement

☐

Certified Copy of Priority Document(s)

☐Reply to Missing Parts/  
Incomplete Application☐Reply to Missing Parts  
under 37 CFR 1.52 or 1.53☐

Drawing(s)

☐

Licensing-related Papers

☐

Petition

☐Petition to Convert to a  
Provisional Application☐Power of Attorney, Revocation  
Change of Correspondence Address☐

Terminal Disclaimer

☐

Request for Refund

☐

CD, Number of CD(s) \_\_\_\_\_

☐ Landscape Table on CD☐

After Allowance Communication to TC

☐Appeal Communication to Board  
of Appeals and Interferences☐Appeal Communication to TC  
(Appeal Notice, Brief, Reply Brief)☐

Proprietary Information

☐

Status Letter

☒Other Enclosure(s) (please identify  
below):

Return Receipt Postcard MPEP 503(A)

Remarks

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Firm Name

Cook, Alex, McFarron, Manzo, Cummings &amp; Mehler, Ltd.

Signature

Printed name

David M. Mundt

Date

June 22, 2006

Reg. No.

41,207

**CERTIFICATE OF TRANSMISSION/MAILING**

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Kim Canchola

Date

June 22, 2006

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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Application No. : 10/625,340

Confirmation No. : 8601

Inventor : Gerald K. Hein

Filed : 07/22/2003

TC/A.U. : 3753

Examiner : CIRIC, Ljiljana V.

Title : A SYSTEM FOR RELIABLY REMOVING HEAT FROM A  
SEMICONDUCTOR JUNCTION

Docket No. : 1444-0096

The undersigned hereby certifies that this correspondence is being deposited with the United States Postal Service, with proper postage prepaid on June 22, 2006 in an envelope addressed to Mail Stop AF, Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

By: 

Kim Canchola

Mail Stop AF  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**REPLY UNDER 37 CFR 1.111**

Sir:

In reply to the Advisory Action of June 9, 2006 and the Final Office Action of March 22, 2006, please amend the above-identified application as reflected in the amendments to the claims on the following page: